



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

Handwritten: DAD

D4823-1
Job Sheet 186583



Part No: D4823-1

Job Qty: 10 ea

Part Name: Upper Cutter Deflector



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/17/18

Job Tracking No:

Due Date: ~~1/4/19~~ *1/31/18*

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV A IPP REV:A 13.04.26 NEW ISSUE DD VERF:JLM IPP REV:B PROCESS CHANGE JFS 13/11/06
VERF. BY: JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	10 Ea	1/4/19	1/4/19	0.00	0.00	Start Up Machining-3		<i>SBL 19/01/24</i>
100	Bandsaw	10 pcs	1/4/19	1/4/19	0.00	0.84	Bandsaw1		<i>BR/SBL 19/01/24</i>
110	CNC Vertical Machining	10 pcs	1/4/19	1/4/19	0.30	5.41	HAAS1-5		<i>SBL 19/01/24</i>
120	QC	10 pcs	1/4/19	1/4/19	0.00	0.00	QC2 Machining-3		<i>SBL 19/01/24</i>
130	QC	10 pcs	1/4/19	1/4/19	0.00	0.00	QC8 Machining-3		<i>Enl 19/01/24</i>
140	Outsource	10 pcs	1/4/19	1/4/19			ATG001-VC	5	<i>CT 19-01-28</i>
150	Packaging	10 pcs	1/4/19	1/4/19	0.00	0.00	Packaging2		<i>FEB 04 2019</i>
155	QC	10 pcs	1/4/19	1/4/19	0.00	0.00	QC5		<i>FEB 06 2019</i>
180	Packaging	10 pcs	1/4/19	1/4/19	0.00	0.00	Packaging3-2		<i>FEB 15 2019</i>
190	QC21-SA	10 Ea	1/4/19	1/4/19	0.00	0.00	QC21		<i>FEB 15 2019</i>

Part Op 100 - Cut Blank at 18.300" ***ON BLANK MAKES TWO PART***
Descriptions: 110 - 1-Machine per folio FB223

140 - Issue P/O to ATG *10042410* Hard Anodize, Color Black and Prime as per Dwg D4823 *5147812 4817210*

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6S0.375X5.000	M7075T6S0.375 X 5.000	7.6300 ft (.763 ea)	90-Start up Operation	<i>5142515</i>

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M7075T6S0.375X5.000	8	21	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																				
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Date :	Step #:	QTY Effective :		MRB (QSI042) Approval																																																				
Description Work Order Deviation		Disposition																																																						
Dart Aerospace Ltd. 1270 Aberdeen Street Hewkesbury, ON K6A 1K7 CANADA TEL.: 1 613 632-5200 Email: sales@dartero.com www.dartaerospace.com Date: 01/24/19 Container No: S147722 Part: D4823-1 Job No: 186583 Serial No/Batch: S147722				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																				
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">Root Cause</th> <th colspan="2" style="text-align: left;">FAULT CATEGORY</th> </tr> </thead> <tbody> <tr> <td style="width:15%;">Environment</td> <td style="width:15%;">☐</td> <td style="width:15%;">No Re-v</td> <td style="width:15%;">☐</td> </tr> <tr> <td>Design</td> <td>☐</td> <td>Operati</td> <td>☐</td> </tr> <tr> <td>Doc/Data</td> <td>☐</td> <td>Offset/</td> <td>☐</td> </tr> <tr> <td>Equip/Tooling</td> <td>☐</td> <td>Supplie</td> <td>☐</td> </tr> <tr> <td>Handling/Pre</td> <td>☐</td> <td>Training</td> <td>☐</td> </tr> <tr> <td>Material</td> <td>☐</td> <td>Use for</td> <td>☐</td> </tr> <tr> <td>Internal Transport</td> <td>☐</td> <td>Poor In</td> <td>☐</td> </tr> <tr> <td>Tribal Knowledge</td> <td>☐</td> <td>Rushing</td> <td>☐</td> </tr> <tr> <td>LOA</td> <td>☐</td> <td>Product Improvement</td> <td>☐</td> </tr> <tr> <td>Substation</td> <td>☐</td> <td>Process Improvement</td> <td>☐</td> </tr> <tr> <td>Past Expiry Date</td> <td>☐</td> <td>Manufacturing Process</td> <td>☐</td> </tr> <tr> <td>Misidentified</td> <td>☐</td> <td>Past Due</td> <td>☐</td> </tr> </tbody> </table> Heat Treat Wave/Twist in Tube Marks/Chatter Cut Too Short Instructions Incomplete/Unclear Drill Holes					Root Cause		FAULT CATEGORY		Environment	☐	No Re-v	☐	Design	☐	Operati	☐	Doc/Data	☐	Offset/	☐	Equip/Tooling	☐	Supplie	☐	Handling/Pre	☐	Training	☐	Material	☐	Use for	☐	Internal Transport	☐	Poor In	☐	Tribal Knowledge	☐	Rushing	☐	LOA	☐	Product Improvement	☐	Substation	☐	Process Improvement	☐	Past Expiry Date	☐	Manufacturing Process	☐	Misidentified	☐	Past Due	☐
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18.375
18.375
19.312

91.841
73.20

27
Dys
88-0



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO042410



Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042410

PO Date: 1/28/19

Due Date: 2/5/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments: ** Is Friday ok to have these back for? **

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	188493	RBEL135M-2901-101-13	Motor Clamp -Issue P/O; -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	2/1/19	6 pcs	0 pcs	6 pcs	\$6.58/pcs	\$39.48
2	186583	D4823-1	Upper Cutter Deflector : Various STC's Issue P/O to ATG : Hard Anodize, Color Black and Prime as per Dwg D4823	Firmed	-	2/1/19	10 pcs	0 pcs	10 pcs	\$7.93/pcs	\$79.30
3	186255	646.3312	Center Plate Issue P/O to ATG : Hard Anodize Color Black, Prime as per Dwg 646.3300 Rev. N/C	Firmed	-	2/1/19	20 pcs	0 pcs	20 pcs	\$8.83/pcs	\$176.60
4	186581	D4821-1	Windshield Deflector : Various STC's Issue P/O: Hard Anodize, Color Black and Prime as per Dwg D4821 Rev. B	Firmed	-	2/5/19	6 pcs	0 pcs	6 pcs	\$40.33/pcs	\$241.98



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PURCHASE ORDER

PO042410



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	185324	SWA6A-700A	Wire Clamp -Issue P/O to ATG: -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 3 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	-	2/1/19	20 pcs	0 pcs	20 pcs	\$5.93/pcs	\$118.60
6	187713	RBE703A94-1130-01-31	Tab Adjuster Gauge Plate -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 Water Seal - Certificate of Conformity is required	Firmed	-	2/1/19	10 pcs	0 pcs	10 pcs	\$6.58/pcs	\$65.80

Grand Total: \$721.76

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 1/31/19 7:42 AM dart.tsimiklis.chrisoula



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917168

Date: 01-Feb-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
✓ 10 ea	Part: D4823-1 ✓ Upper Cutter Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Job: 24558	Rev: A	PO: PO042410 ✓ Line: 2
✓ 20 ea	Part: 646.3312 ✓ Center Plate Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 24559	Rev: A	PO: PO042410 ✓ Line: 3
✓ 20 ea	Part: SWA6A-700A ✓ Wire Clamp Hard Anodize per MIL-A-8625F, Type III, Class 2, Black, .0005-.0045" (.5 - 4.5mils) Water Sealant Job: 24561	Rev: 3	PO: PO042410 ✓ Line: 5
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>FEB 01 2019</u> Certified Signature: <u></u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt. Made in Canada.			